Michael Kronovet

Github: Mochael
LinkedIn: michael-kronovet

Personal Website
mkronove@andrew.cmu.edu

Education

Carnegie Mellon University 2017-2020
GPA: 3.73/4.00
Bachelors of Science in Statistics and Machine Learning

Relevant Courses
10-701 Introduction to Machine Learning (PhD)
36-462 Special Topics: Data Mining
36-402 Advanced Data Analysis

Work Experience

Quantitative Trading Intern at Virtu Financial 2019
Leading high frequency trading and market making firm.

- Incoming summer intern to design high-performance algorithmic trading strategies.

Projects & Activities

Joint Funding Committee Member 2018-present
Joint graduate and undergraduate body that allocates budgets for university organizations.

- In charge of dividing approximately $1.8 million in funding across all CMU organizations.

Modeling the Quantum Many-Body Problem 2019
Neural Network to simulate the interactions between electron spins for many quantum states.

- Developed RBM in python to output minimized energy states for various Hamiltonion operators.

Carnegie Mellon Racing System Lead 2017-2019
Team of students who build a fully functional electric formula one race car from scratch every year.

- Placed first in the 2018 Formula SAE Electric Vehicle Competition.

Website Prototyping System 2018
App that tranforms images of hand-drawn website layouts to rendered HTML/CSS in real time.

- Used OpenCV, React-Native, and Flask API to extract and transmit data from drawings.

Intellichess 2017
Chess engine and muliplayer game in python.

- Developed AI with minimax search and neural network; implemented multiplayer with sockets.

Muon Scattering Tomography Developer 2016-2017
Team with two other students inventing a cheaper way to pinpoint the trajectory of cosmic ray muons.

- 3rd Place in Physics and Astronomy at Intel International Science and Engineering Fair.

Skills & Hobbies

Technical Skills: Python, C, R, Javascript, HTML/CSS, CAD, Unity, Microsoft Excel

Hobbies: Tennis, Drums, Moneythink Group